#### THE MANUFACTURED STATIONERY TRADE

Note.—For information regarding the scope of the Census, instructions given to firms for making returns, and definitions of the terms used in this report, reference should be made to the Introductory Notes on pages v to xviii.

#### Introductory

This trade comprises firms that were engaged wholly or mainly in the manufacture of notepaper, envelopes, paper bags and other articles of paper and cardboard (except cardboard boxes). The following table shows the main results of the Censuses of 1930 and 1924 in respect of firms in Great Britain that employed an average of more than ten persons. Those for 1930 cover a number of manufacturers of paper bags, tubes and miscellaneous paper articles that were included in other trades (principally the Paper Trade) at the 1924 Census. As the firms concerned employed in 1930 an average of 2,461 employees, or between 6 and 7 per cent. of the total given for that year, the difference in classification considerably affects the comparability of the results.

To improve comparisons, the returns made by all manufacturers of playing cards for 1924 have been included in the aggregates for the Printing, Bookbinding, etc., Trades, and the totals now given for all firms for that year accordingly fall short of those previously published in the Final Report on the 1924 Census.

Particulars	Unit	1930	1924
Value of goods made and work done (Gross output)	£'000 " " No. £ H.P. " No. "	14,041 6,687 123 7,231 37,839 191 6,800 12,517 377 422	9,321 4,414 85 4,822 27,293 177 4,209 5,602 309 *

#### \* Not available.

**Deficiencies in 1930 aggregates.**—The aggregate number of persons employed in 1930 by firms that stated that they employed not more than ten persons on the average was 2,465, the corre-

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sponding figure for 1924 being  $1,216^*$ . The value of the gross output of the small firms in 1924 was £306,000<sup>\*</sup>, and particulars of the items included in this figure are given below :—

				£'000.
Notepaper and pads <sup>†</sup>				 3
Envelopes†				 16
Paper bags				 40
Letter files, loose-leaf syst	ems,	etc.		 15
Pattern cards				 19
Tickets, showcards and po	sters			 94
Patterns and transfers		••••		 17
Manuscript books				 15
Other manufactures of pa	per a	nd card	board	 37
Other goods made	• • • • •			 9
Job and general printing				 20
Work done for the trade				 21
	Т	OTAL		 306

### † Excluding boxed stationery.

In addition, 49 firms to which schedules were sent at the 1930 Census and 80 at that of 1924 furnished no information; these firms either had small businesses or had ceased productive operations before the end of the censal year.

Size of firms.—In the following table the main particulars recorded at the Census of 1930 are grouped according to the average numbers of persons shown in the returns :—

Size of firm (average numbers employed)	Number of returns	Gross output	Net output	Average number of persons employed (excluding outworkers)	Net output per person employed
4	No.	£'000	£'000	No.	£
11–24	111	543	311	1,907	163
25-49	92	1,076	565	3,146	180
50-99	74	1,920	923	5,206	177
100–199	63	3,348	1,685	9,053	186
200-299	17	1,633	865	4,218	205
300-399	9	1,245	532	3,156	169
400-749	5	852	537	2,759	194
750–999	3	785	396	2,385	166
,000 and over	3	2,639	1,417	6,009	236
TOTAL	377	14,041	7,231	37,839	191

\* These figures are inclusive of particulars regarding the few firms in Northern Ireland, for which separate information is not available for publication.

**Regional distribution.**—In the following table the results recorded at the Censuses of 1930 and 1924 are grouped according to the principal areas<sup>\*</sup> of Great Britain in which firms in this trade are situated :—

Area	Number of returns	Gross output	Net output	Average number of persons employed (excluding outworkers)	Net output per persor employed
$1 \qquad \dots \begin{cases} 1930\\ 1924 \end{cases}$	No.	£'000	£'000	No.	£
	193	7,145	3,738	19,478	192
	<i>134</i>	4,547	2,357	<i>13,309</i>	177
$2 \qquad \dots \begin{cases} 1930\\ 1924 \end{cases}$	57 66	1,542 1,124	779 564	4,804 <i>3,626</i>	$\begin{array}{c} 162 \\ 156 \end{array}$
$3 \qquad \dots \begin{cases} 1930\\ 1924 \end{cases}$	21	387	218	1,314	166
	21	372	<i>183</i>	<i>1,216</i>	<i>150</i>
4 and 7 1930	5	31	18	144	125
4 and 8 1924	4	20	11	87	126
$5 \qquad \dots \begin{cases} 1930\\ 1924 \end{cases}$	30 <i>16</i>	728 446	455 294	2,056 1,101	$\begin{array}{c} 221\\ 267\end{array}$
$5 \qquad \dots \begin{cases} 1930\\ 1924 \end{cases}$	42 33	<b>3,23</b> 2 <i>2,030</i>	1,545 <i>1,015</i>	7,016 5,237	$\begin{array}{c} 220\\ 194 \end{array}$
	12	245	99	720	138
	17	236	<i>125</i>	908	<i>138</i>
10 $\begin{cases} 1930\\ 1924 \end{cases}$	17 18	731 546	379 273	2,307 1,809	$\begin{array}{c} 164 \\ 151 \end{array}$
TOTAL $\begin{cases} 1930\\ 1924 \end{cases}$	377	14,041	7,231	37,839	191
	309	<i>9,321</i>	4,822	27,293	177

Northern Ireland.—Owing to the possible disclosure of information relating to individual firms, particulars of the small production of manufactured stationery in Northern Ireland in 1930 and 1924 have been included in the results for the Printing, Bookbinding, etc., Trades (see page 469).

### Production

**Principal products.**—The following table shows the value and, where available, the quantity of manufactured stationery made in 1930 and 1924 :—

\* For particulars see page xviii.

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		1924						
Kind of goods		Retur		<b>T</b> ( )				
Annu or goods		anufactu nery Tra		Al	l trades	Total		
an and	Quan- tity	Value	Ent- ries	Quan- tity	Value	Ent- ries	Quan- tity	Value
Amaing Product	Th.	ett	Para	Th.			Th.	
Succession and the second	cwts. 161 · 8	£'000 455	No. 24	cwts. 186•4	£'000 559	No. 31	ewts. 113.3	£'000 344
Notepaper and pads {	*	113	6	*	125	16	*	131
Envelopes {	648.9	2,076	40	677.1	2,159	41 32	452·9	$1,548 \\ 543$
Boxed stationery (i.e., notepaper and enve- lopes packed together		231	14		403	34		040
in cardboard boxes) and compendiums	155.0	495	24	164.9	527	31	+ .	+
Paper bags	778.0	1,493	62	1,898.4	3,895	227	1,688.4	3,160
	Th. doz.	01		Th. doz.	01	9	Th. doz.	119
Picture post-cards §	796·2	21 80	3	796·2	21 81	$\begin{vmatrix} 3\\4 \end{vmatrix}$	4,047.9	85
Luggage labels		321	14		321	14	····	229
Christmas cards, greet- ing cards, playing cards, calendars and			11111		an 100 Par An gentre a		No. 1 Mar	ALL A
other similar goods		1,152	63		1,613	85	···· ···	1,185
Pattern cards Paper patterns and	()	85	14		373	100	•••	493
Paper patterns and transfers		287	18		292	20		127
Bonbons, crackers and	and all		all stages	- and the second	A State State	No. A	dalita- an	
paper novelties	3	357	18		523	28	( ·····	528
Letter files, loose leaf systems, index cards				1			AUN	
and other office sys-	1	N			100		an free	All and a second
tems		1,026	32		1,160	53		696
Tickets, showcards and	and the second	15			VI.		The States	1.00
posters, mounted or not		496	57	The second	802	81		344
Picture and photo		100	.	A Kingeling		-	ale "	
mounts of paper and	1	10.01	1		110	1 70	ME P .	07
cardboard		79	8		110	12		274
Paper tubes and bob- binst		312	12		366	18		459
Cases for cakes and	The second second second			a second and the second second second	and the second second			and the second second
confectionery, cake								
boards, bottle caps,	191 . 14	interasti (		1 martin	anna Rik		A MARAN	198
milk discs, jam pot covers, etc. 1	A. Reven	201	11	nar A la	318	30	1	a succession
Dish papers, d'oyleys,	S. Steller 1917	S. IN THEAS	Constant Par	di daha	the Wallin	Sec. 1	Man and and	and the
serviettes and simi-	aint .	0.07	10	and ended	200	14	i zesot	dest as its
lar fancy paper goods Counter check books,		325	12		329	14	No. C. C.	Star Ser
continuous invoice	de la com		-					
forms, etc.‡		375	5		386	9		2,418
Plain post cards, letter		ESO!	NOR DE					
cards, printers' cards, etc., not elsewhere	mater in	and the	ind	Dhe for	1	bear	incion	Try SL
specified <sup>†</sup>		207	8	a withing the	208	9	diama e	Sugar and
Other and unclassified	and the second second			and a second second	A State Street		1 1 1 1 1 1 1 1 1	DE DIT
manufactures of	a share the second	A CARDONNE	and the second second	A CONTRACTOR OF STREET	A BROWN AND AND AND	and the second	The second second	and the second second

MANUFACTURED STATIONERY

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	Bally A		19	930			19	1924		
	e over all a	Retu	the output of							
Kind of goods		Ianufact onery Tr		4	All trades	To	tal			
	Quan- tity	Value	Ent- ries	Quan- tity	Value	Ent- ries	Quan- tity	Value		
	Th. cwts.	£'000	No.	Th. cwts.	£,000	No.	Th. cwts,	£'000		
Purchased paper, cor- rugated, creped, crinkled, etc. ‡ Purchased paper, enam-	•••	317	9	01400 601 0140 01 	434	28	,	327		
elled, stained, marbled, waxed, etc. Rubber stamps and ac-		527	. 8		569	13		205		
cessories ther stationers' goods, not of paper or cardboard (including		93	13	incii ba teup er trio crit	132	53	•••	128‡		
some unclassified goods)	a hans	129	••••	0030	140		E BORD	178		
Total—Principal Products	••••	12,240			17,258			13,521		

\* Quantity not stated.

\* Quantity not stated. \* Included in "Other and unclassified manufactures of paper and cardboard." § The figures shown for picture post cards for both years are defective owing to the fact that certain producers of picture post cards returned their output on the schedule for the Printing, Bookbinding, etc., Trade against such general headings as "Photographic printing and process engraving and printing." ‡ So far as recorded separately.

Prices.-The only items in respect of which representative particulars of quantity were obtained for both years were notepaper, envelopes, paper bags and picture post cards. The average selling values of these goods, as calculated from the Census returns, are shown in the following table. It should be borne in mind that these comparisons do not take account of any changes that may have occurred since the earlier year in the quality or type of the goods specified under these descriptions.

Kind of goods					Averag	1930 as a	
					1930	1924	percentage of 1924
Notepaper and j Envelopes Paper bags	pads 	···· ····	···· ···	···· ···	£ per cwt. 3.00 3.19 2.05 d. per doz.	£ per ewt. 3·33 3·42 1·87	Per cent. 90 · 1 93 · 3 109 · 6
Picture post car	ds				$6 \cdot 42$	d. per doz. $7 \cdot 04$	91.2

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Volume of production in 1930 and 1924.—Of the total of  $\pounds 17,258,000$  shown in the table on pages 494 and 495 as the value of the output of manufactured stationery of all kinds in 1930, comparative figures of average values are available in respect of goods valued at  $\pounds 7,243,000$ , and for these goods the output in 1924 ( $\pounds 5,930,000$ ) would amount to about  $\pounds 6,028,000$  if expressed in the equivalent of 1930 prices. As regards the remaining products, the recorded value of which was  $\pounds 10,015,000$  in 1930 and  $\pounds 7,591,000$  in 1924, it appears probable from such particulars of production costs as are available that the change in average values between the two years was not substantial. The estimated total value for 1924, in comparison with that of 1930, thus amounts to some  $\pounds 13,500,000$ , the recorded value for 1930 being in excess of this amount by about 28 per cent.

**Production, exports and imports.**—The following table shows, in relation to production, the quantities of *paper bags* exported in 1930 and 1924, together with the quantities imported and retained. The production figures for 1924 in this table and in the table below include the output of the small firms and of firms in Northern Ireland.

Paper bags	1930	1924	
Production <th.< th=""><th>· · · · · · · · · · · · · · · · · · ·</th><th>Th. cwts. 1,898 · 4 42 · 7 13 · 8</th><th><math display="block">\begin{array}{c} \text{Th. cwts.} \\ 1,730 \cdot 0 \\ 59 \cdot 1 \\ 9 \cdot 2 \end{array}</math></th></th.<>	· · · · · · · · · · · · · · · · · · ·	Th. cwts. 1,898 · 4 42 · 7 13 · 8	$\begin{array}{c} \text{Th. cwts.} \\ 1,730 \cdot 0 \\ 59 \cdot 1 \\ 9 \cdot 2 \end{array}$
Available for use in the United Kingdom		 1,869.5	1,680 · 1

Particulars relating to the only other articles of stationery which were specifically enumerated in the trade returns are shown below. In view of the incompleteness of the records of quantities manufactured, the production figures given in these cases represent the total values.

envolution and a	Production	Exp	orts	Retained imports		
Kind of goods	Value (at factory)	Quantity	Value (f.o.b.)	Quantity	Value (c.i.f.)	
	£'000	Th. cwts.	£'000	Th. cwts.	£'000	
Notepaper and § 1930	684	23.2	109	3.0	9	
pads 1924	486	30.7	152	4.2	11	
1930	2,562	52.3	234	6.3	18	
Envelopes 1924	2,110	43.7	188	12.3	33	
(10		Th. doz.		Th. doz.		
Picture (1930	102	455.8	11	7,318.6	127	
postcards 1924	205	495.9	14	6,175.5	93	

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**Printing and other work done.**—The total amount recorded as received for printing and other work done in 1930 was £732,000, the corresponding total for 1924 being £507,000. The principal kinds of work included in these totals were as follows :—

Kind of work done		1930	1924
Job and general printing : Letterpress Lithographie Other and unclassified Other and unclassified Work done for the trade : Gold blocking, stamping, lettering and gilding Relief and die stamping Binding, ruling, stitching, etc Other work TOTAL	····	£'000 357 136 78 17 41 20 83 732	$ \begin{array}{c}                                     $

Other products.—In addition to the output shown in the table of principal products on pages 494 and 495, the following goods were produced in 1930 and 1924 by firms that made their returns on schedules for the Manufactured Stationery Trade. These goods are dealt with in the reports on those trades in which the principal output was recorded.

Kind of mode	1930	1924
Kind of goods	Value	Value
Manuscript books (account books, etc.) Albums and diaries Ink, gum and sealing wax Boxes and cartons of paper and cardboard Other goods made TOTAL	£'000 567 274 26 116 66 1,049	$ \begin{array}{c}                                     $

Waste products sold.—Sales of waste paper recorded by firms in the Manufactured Stationery Trade in 1930 and 1924 amounted to £20,000 and £23,000 respectively.

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# Employment and Wages

**Employment.**—The following table shows the average numbers of persons employed in 1930 and 1924 :—

	Ma	Males		nales	To	tal
Persons employed	Under 18	All ages	Under 18	All ages	Under 18	All ages
1930 Operatives (average for the year) Administrative, technical and clerical staff (as at 18th	1,921	10,797	7,067	20,744	8,988	31,541
October)	325	3,557	635	2,741	960	6,298
TOTAL	2,246	14,354	7,702	23,485	9,948	37,839
1924 Operatives (average for the year) Administrative, technical and clerical staff (as at 18th	1,187	7,294	4,874	15,388	6,061	22,682
October)	279	2,657	402	1,954	681	4,611
Total	1,466	9,951	5,276	17,342	6,742	27,293
Average number of outworkers :-           1930              1924	the etc.	2 26	[1] N. M. Levelli, M. Levelle, M.	806 .82	A REAL PROPERTY AND A REAL	308 208

Wages.—The available information as to the amount of wages paid in 1930 and 1924 is given on pages 436 and 437.

### Power

The following table shows the capacity of prime movers, electric generators and electric motors ordinarily in use and in reserve or idle in 1930 and 1924 :—

<b>D</b>		1930		1924			
Power equipment	Ordinarily in use	In reserve or idle	Total	Ordinarily in use	In reserve or idle	Total	
215	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	
PRIME MOVERS Reciprocating steam engines Steam turbines	<b>3,2</b> 60	729	3,989 —	<b>1,3</b> 81 200	194 —	1,575 $200$	
Internal combustion engines :—		a line of		Telline alle	and and and a	to o Tar	
Gas	1,655	275	1,930	1,562	414	1,976	
Heavy oils	602	142	744	191	167	358	
Water engines	137	Elos	137	100	6 an (10)	100	
TOTAL	5,654	1,146	6,800	3,434	775	4,209	

## MANUFACTURED STATIONERY

Power		1930			1924		
equipment	Ordinarily in use	In reserve or idle	Total	Ordinarily in use	In reserve or idle	Total	
ELECTRIC GENERATORS Driven by	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.	
Reciprocating steam engines Steam turbines Internal combustion engines :—	1,690 —	453 —	2,143 —	700 150	50 —	750 150	
Gas Heavy oils Water engines	318 432 17	51 95 —	369 527 17	309 83 8	52 88 	361 171 8	
TOTAL	2,457	599	3,056	1,250	190	1,440	
ELECTRIC MOTORS Driven by Electricity generated	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	
in same works Electricity generated in other works under same owner-	3,340	103	3,443	1,961	118	2,079	
ship Purchased electricity	132 11,380	 1,137	$\begin{array}{c} 132\\12,517\end{array}$	5,063	539	5,602	
Total	14,852	1,240	16,092	7,024	657	7,681	

# Consumption of fuel

The following table shows the quantities of coal, coke and electricity recorded as used in 1930 :---

	Kind of fuel used	For power (driving engines)	For other purposes (so far as recorded)
Coal Coke		Tons 12,048 —	Tons *** 11,636* 4,684*
Gener	ity used for all purposes :— eated in same works eated in other works under same of ased	 wnership 	B.T.U. (Kwhrs.) '000 3,174 63 8,315
	Total-Electric	eity	11,552

\* These figures were recorded by firms representing  $97 \cdot 4$  per cent. of the net output of the whole trade.

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# TABLES

# I. Summary of results

Particulars	Unit	England and Wales	Scotland	Great Britain
		and the second	and the second	
Value of goods made and work done (Gross output)	£'000	13,065	976	14,041
Cost of materials used	,,	6,200	487	6,687
Paid for work given out to other firms	,,	112	11	123
Net output	,,	6,753	478	7,231
Average number of persons employed				A Strange Strange
(excluding outworkers)	No.	34,812	3,027	37,839
Net output per person employed (excluding				
outworkers)	£	194	158	191
Power available :	-			
Prime movers	H.P.	6,569	231	6,800
Electric motors driven by purchased				
electricity	,,	11,696	821	12,517
	NEW SALE SALE THE		A CONTRACTOR OF THE OWNER	A CONTRACTOR OF A CONTRACTOR

# II. Production

Kind of goods made and	Unit	England and Wales	Scotland	Great Britain	
Quan	in cardboard } { tity stated { tity not stated tity not stated ards, playing similar goods  novelties	Th. cwts. £'000 £'000 Th. cwts. £'000 Th. cwts. £'000 Th. cwts. £'000 Th. doz. £'000 £'000 £'000 £'000 £'000 £'000 £'000	$     \begin{array}{r}       1,719 \\       223 \\       131 \cdot 2 \\       429 \\     \end{array} $	20·3 35 100·5 357 8 23·8 66 35·6 63 * * * * * 134 * *	$\begin{array}{c} 161 \cdot s \\ 455 \\ 113 \\ 648 \cdot 9 \\ 2,076 \\ 231 \\ 155 \cdot 0 \\ 495 \\ 778 \cdot 0 \\ 1,493 \\ 796 \cdot 2 \\ 21 \\ 80 \\ 321 \\ 1,152 \\ 85 \\ 287 \\ 357 \\ 1,026 \end{array}$

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		and the second second	1	
	and the second	England		1
Windsford 1 1 1 1 1	Unit	and	Scotland	Great
Kind of goods made and work done		Wales	COULIN	Britain
		Traios .		· ·····. ?
		-		
Tishata 1 1 1 1 1	- Terre a religioner to a	and the sugar products of the second	Provident and provide	- Andrew and a second
Tickets, showcards and posters, mounted				and the second second
or not	£'000	489	7	496
Picture and photo mounts of paper and	in the second second		and an and a set of the	A State of the Sta
cardboard	£'000	79	<u> </u>	79
Paper tubes and bobbinst	£'000	312		312
Cases for cakes and confectionery, cake				and the second second
boards, bottle caps, milk discs, jam pot	1 Same	and the second of		and the second second
covers, etc.†	£'000	*	*	201
Dish papers, d'oyleys, serviettes and				aningst.
similar fancy paper goods†	£'000	*	*	325
Counter check books, continuous invoice	A. J. MARS	E State and State		ALL AND
forms, etc.†	£'000	375		375
Plain post cards, letter cards, printers'				1
cards, etc., not elsewhere specified †	£'000	*	*	207
Other and unclassified manufactures of		100 218		201
paper and cardboard	£'000	946	41	987
Purchased paper, corrugated, creped,	2000	010	41	901
crinkled, etc.†	£'000	*	*	217
Purchased paper, enamelled, stained,	2 000		and the second second	317
	£'000	527		505
D II	£'000	A CONTRACTOR OF THE OWNER OF THE		527
Other stationers' goods, not of paper or	T 000	93		93
other stationers goods, not of paper or	T Papers			and the second
cardboard (including some unclassified	0,000	100		24 State Bar
goods)	£'000	129		129
Manuscript books (in- cluding account books, note books.	Th. cuts.	107.5	16.2	123.7
cluding account Quantity stated {	£'000	435	65	500
() are not at	£'000	67	_	67
		A CONTRACTOR OF STREET		
Albums and diaries	£'000	*	*	274
Ink, gum and sealing wax	£'000	26		26
Boxes and cartons of $\left\{ \begin{array}{l} Quantity \ stated \ \dots \end{array} \right\}$	Th. cwts.		*	37.5
paper and card-{ funning stated	£'000	*	*	94
board Quantity not stated	£'000	*	*	22
Other goods made	£'000	64	2	66
Waste paper sold	£'000	*	*	20
Job and general printing :	15 20 1 10	Amoi	int receiv	red
	£'000	328	29 1	and the second se
	£'000	348	29	357
		*	*	136
Other and unclassified           Work done for the trade :	£'000		÷	78
Cold blocking standing lattering				
Gold blocking, stamping, lettering and	01000	*	1000	A STATE OF
gilding	£'000		*	17
Relief and die stamping	£'000	*	*	41
Binding, ruling, stitching, etc	£'000	*	*	20
Other work	£'000	79	4	83
Processing and the second particular of the second s	Concertainty and a second second			
TOTAL VALUE OF GOODS MADE AND WORK				
DONE (GROSS OUTPUT)	£'000	13,065	976 ]	4,041
the second se		and the second second	Sugar Contractor	
	A CONTRACTOR	and the second se	and the second second	

\* Owing to the possible disclosure of information relating to individual firms, separate particulars for England and Wales and for Scotland cannot be given. † So far as separately recorded.

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# III. Employment

A.--NUMBERS EMPLOYED IN WEEK ENDED 18TH OCTOBER, 1930 (EXCLUDING OUTWORKERS)

and y Later	Males		Females		Males and females	
Persons employed (excluding outworkers)	Under 18	All ages	Under 18	All ages	Under 18	All ages
England and Wales :	1,897 305	10,411 3,363	6,520 603	18,922 2,510	8,417 908	29,333 5,873
TOTAL	2,202	13,774	7,123	21,432	9,325	35,206
Scotland :— Operatives Administrative, etc.*	47 20	517 194	632 32	2,072 231	679 52	2,589 425
TOTAL	67	711	664	2,303	731	3,014
Great Britain :— Operatives Administrative, etc.*	1,944 $325$	10,928 3,557	7,152 635	20,994 2,741	9,096 960	31,922 6,298
Total	2,269	14,485	7,787	23,735	10,056	38,220

\* Administrative, technical and clerical staff.

B.—Operatives	(EXCLUDING	OUTWORKERS	B) EMPLOYED	IN ONE WEEK
	IN EACH	MONTH OF 1	930.	

	Male	es and fem	ales	Week	Males and females			
Week ended	England and Wales	Scotland	Great Britain	ended	England and Wales	Scotland	Great Britain	
Jan. 18 Feb. 15 Mar. 15 April 12 May 17 June 21	28,569 28,511 28,556 28,438 28,566 28,633	2,582 2,593 2,610 2,633 2,620 2,610	31,151 31,104 31,166 31,071 31,186 31,243	July 19 Aug. 16 Sept. 13 Oct. 18 Nov. 15 Dec. 13	28,699 28,921 29,212 29,333 29,934 29,898	$\begin{array}{r} 2,611\\ 2,627\\ 2,571\\ 2,589\\ 2,595\\ 2,578\end{array}$	31,310 31,548 31,783 31,922 32,529 32,476	
Average for the twelve months					28,939	2,602	31,541	

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# C.-Numbers of outworkers at two specified periods in 1930

12020 000 0		January			July		
Country		Males	Females	Total	Males	Females	Total
England and Wales Scotland		_2	268 5	270 5	_2	335 5	337 5
Great Britain		2	273	275	2	340	342

# IV. Power

PARTICULARS OF PRIME MOVERS, ELECTRIC GENERATORS AND ELECTRIC MOTORS

				and the second second	and the second second	an Amir Langaran
Power	Englar Wa	nd and les	Scot	land	Great E	Britain
equipment	Ordinarily in use	In reserve or idle	Ordinarily in use	In reserve or idle	Ordinarily in use	In reserve or idle
TITY	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
PRIME MOVERS Reciprocating steam engines Internal combustion engines :—	3,090	729	170	nganon Alas Tala <u>n</u> a ang Androna ang	<b>3,</b> 260	729
Gas	1,609	260	46	15	1,655	275
Heavy oils	602	142			602	142
Water engines	137	- i i i i i i i i i i i i i i i i i i i	. Th <u>ain</u> i sal	E	137	
Total	5,438	1,131	216	15	5,654	1,146
TOTAL OF PRIME			[	<u></u>		I <u></u>
MOVERS INSTALLED	6,5	69	23	1	6,80	00
ELECTRIC GENERATORS Driven by	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.
Reciprocating steam engines Internal combustion	1,690	453	_	_	1,690	453
engines :— Gas	318	51			010	
TT 'I	$\frac{318}{432}$	$51\\95$			318	51
TTT- 1 ·	452 17	90			432	95
water engines					17	
TOTAL	2,457	599			2,457	599
TOTAL OF ELECTRIC GENERATORS INSTALLED	3,04	56			3,056	
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
ELECTRIC MOTORS Driven by Electricity generated in same works Electricity generated in other works	3,340	103		_	3,340	103
under same owner-	Maria Maria					
ship	132				132	
Purchased electricity	10,631	1,065	749	72	11,380	1,137
TOTAL	14,103	1,168	749	72	14,852	1,240
TOTAL OF ELECTRIC MOTORS INSTALLED	15,271		82]	L	16,092	
22181						R 5

Kind of fuel used	England and Wales	Scotland	Great Britain
Coal used for power	Tons	Tons	Tons
	11,008	1,040	12,048
Electricity used for all purposes :	B.T.U.	B.T.U.	B.T.U.
	(Kwhrs.)	(Kwhrs.)	(Kwhrs.)
	'000	'000	'000
	3,174	—	<b>3,174</b>
ownership	63		63
Purchased	7,571		8,315
TOTAL—Electricity	10,808	744	11,552

# V. Consumption of fuel